4. Insert the card's installation screw through the SDI card's mounting hole, and gently tighten it into the standoff.

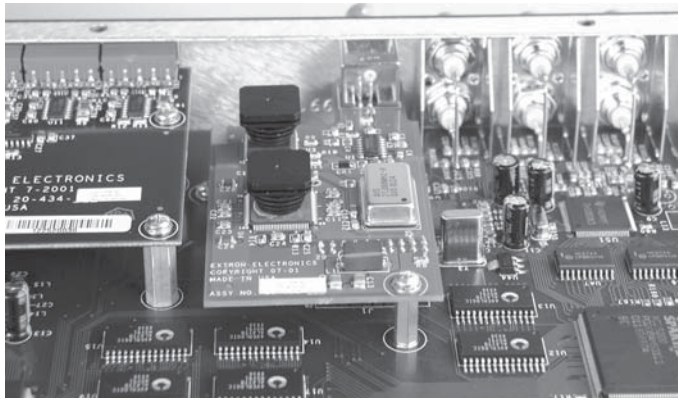

Fig. 4 — SDI card mounted in place

5. Install the SDI connector's hex nut from the outside of the rear panel opening. Keep the SDI card from twisting as the nut is tightened.
6. Replace the top cover on the DVS 406 scaler, and fasten it with the screws which were removed in step 3 of the "Internal access" section.
7. Rack/furniture mount the scaler, and reconnect the AC power cord.

Part Numbers

Extron Part	Part Number
SDI Input Card Kit	70-168-01

www.extron.com

Extron Electronics, USA
1230 South Lewis Street
Anaheim, CA 92805
USA
714.491.1500
Fax 714.491.1517

Extron Electronics, Europe
Beeldschermweg 6C
3821 AH Amersfoort
The Netherlands
+31.33.453.4040
Fax +31.33.453.4050

Extron Electronics, Asia
135 Joo Seng Road, #04-01
PM Industrial Building
Singapore 368363
+65.6383.4400
Fax +65.6383.4664

Extron Electronics, Japan
Daisan DMJ Building 6F
3-9-1 Kudan Minami
Chiyoda-ku, Tokyo 102-0074 Japan
+81.3.3511.7655
Fax +81.3.3511.7656

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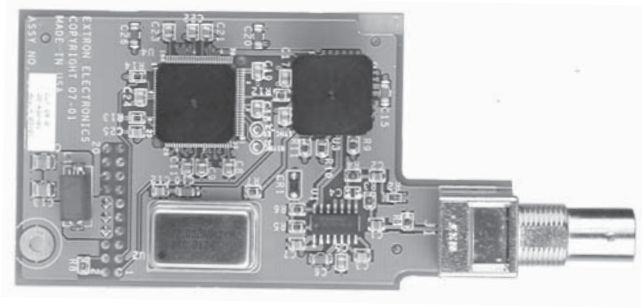
INTERFACING, SWITCHING AND DISTRIBUTION

User's Guide



DVS 406 SDI Input Card

70-168-01 Upgrade Kit

68-619-01 **Rev. B**
Printed in the USA
08 02

Installing the SDI Connector Card

The SDI connector card may be installed in the DVS 406 by following the instructions and illustrations shown below.

Internal access

To gain access to the internal components, do the following:

1. Remove the power cable from the DVS 406 and from the power source.

WARNING *Do not open the cover of the scaler without unplugging the power cord.*

2. If the DVS 406 scaler is rack mounted, remove the input and output cables from it and remove the unit from the rack. If the scaler is not rack mounted, you do not need to remove the input and output cables.
3. Remove 13 screws from the top and sides of the cover (figure 1).

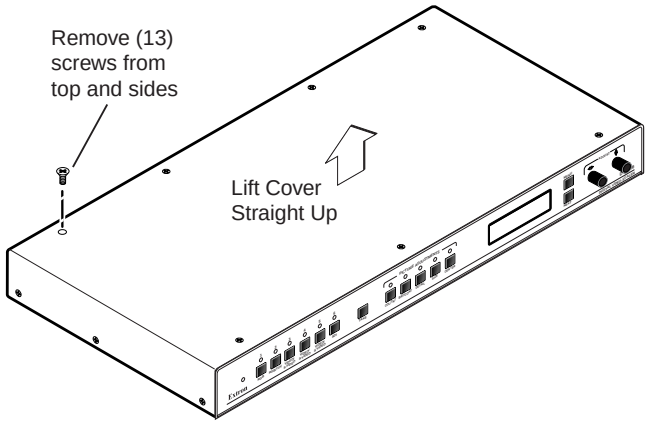


Fig. 1 — Removing the cover

4. Remove the cover by slightly lifting each side alternately until the cover is free.

Reverse this procedure to reinstall the cover after the SDI connector card has been installed.

CAUTION *Do not touch any switches or other electronic components inside the scaler. Doing so could damage the scaler. Electrostatic discharge (ESD) can damage IC chips even though you cannot feel it. You must be electrically grounded. A grounding wrist strap is recommended.*

Card installation

After following the instructions in "Internal access" to remove the cover, do the following:

1. Locate the SDI card standoff located near the middle rear portion of the main circuit board (looking from above with the front panel nearest to you).

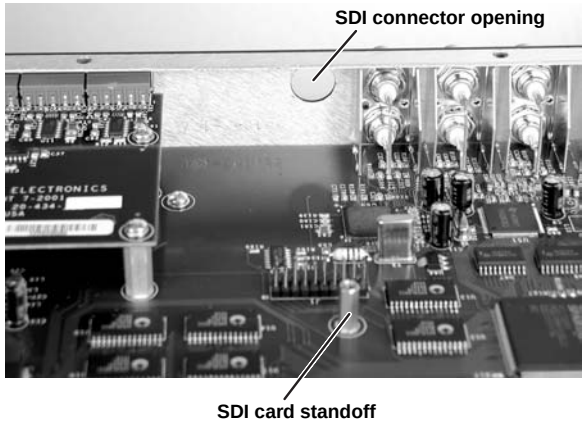


Fig. 2 — SDI card standoff and connector opening

2. Remove the plastic cap covering the SDI connector opening from the rear panel of the scaler, and position the SDI card at an angle with the SDI connector protruding from the rear SDI connector opening.
3. The SDI card has a 20-pin socket on the underside which must align with the 20 pins on the main circuit board. Be sure to align the pins properly, in order to prevent bending the pins, before pressing the SDI card firmly in place against the standoff. The mounting hole on the SDI card should now be directly over the standoff.

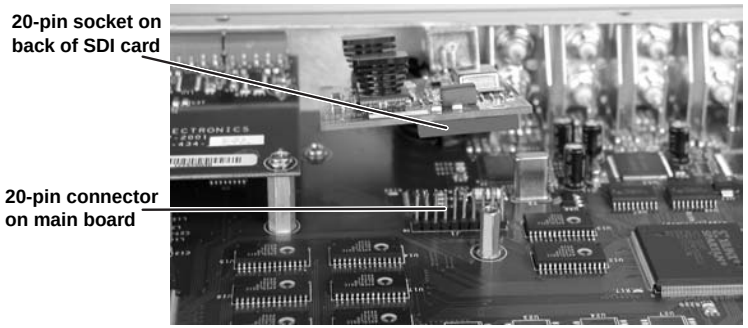


Fig. 3 — SDI card situated above pins and standoff